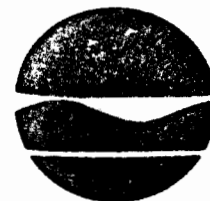


FAC 120th St
[Handwritten signature]

New York State Department of Environmental Conservation

7481 Henry Clay Blvd., Liverpool, New York 13088
Division of Regulatory Affairs, Region 7
(315) 428-4697



Thomas C. Jorling
Commissioner

May 10, 1988

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Neil Schwartz, General Manager
Roth Brothers Smelting Corporation
6223 Thompson Road
PO Box 639
East Syracuse, NY 13057

Re: Modification of Pollutant Discharge Elimination System Permit for Roth
Brothers Smelting Corporation, DeWitt (T), Onondaga County, UPA #70-88-0036,
SPDES #NY 011 0311

Dear Mr. Schwartz,

This is to inform you that pursuant to Environmental Conservation Law (ECL), Article 17, Title 8 (McKinney's) and 6NYCRR, Part 757, the New York State Department of Environmental Conservation has made a determination to modify your referenced Pollutant Discharge Elimination System permit by adjusting the sulfite limit.

Unless otherwise specified, this modification will become effective immediately unless you petition, pursuant to ECL Section 17-0907, that you be given an opportunity to be heard in connection with this determination and where applicable, if no written objection is received by this office within 30 days after receipt of this modification by the Regional Administrator of EPA. Any such petition for a hearing shall contain specific evidence to support your contention that a hearing is necessary and that you were not previously given an opportunity to be heard.

Sincerely,

[Handwritten signature of Joanne L. March]

Joanne L. March
Sr. Environmental Analyst

Enclosure

cc: Water Division, Region 7
R. Hanaford
EPA - Dr. Baker
Onondaga County Health Department
Atlantic States Legal Foundation, Inc.
Sierra Club, Julia Portmore
DRA File

MAY 10 1988

FOIL211963

MODIFICATION DATE: February 11, 1985

MODIFICATION DATE: May 31, 1985

MOD. DATE: May 5, 1987

MOD. DATE: May 10, 1988

FINAL

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the Period Beginning EDP (February 1, 1984)

and lasting until (EDP + 5 years (February 1, 1989)

the discharges from the permitted facility shall be limited and monitored by the
 permittee as specified below:

Outfall Number & Effluent Parameter	Discharge Limitations		Units	Minimum Monitoring Requirements	
	Daily Avg.	Daily Max.		Measurement Frequency	Sample Type
001, 002, 004 Process, cooling water and stormwater flow.					
Flow	Monitoring Only		gal/day	Monthly	Meter
Antimony	N/A	1.0	mg/l	Monthly	6 hr. Comp.
Iron	N/A	4.0	mg/l	Monthly	6 hr. Comp.
Cadmium	N/A	0.8	mg/l	Monthly	6 hr. Comp.
Copper	N/A	0.8	mg/l	Monthly	6 hr. Comp.
Lead	N/A	0.4	mg/l	Monthly	6 hr. Comp.
Oil and Grease	N/A	15	mg/l	Monthly	6 hr. Comp.
Zinc	N/A	1.0	mg/l	Monthly	6 hr. Comp.
Sulfite	N/A	3.0	mg/l	Monthly	6 hr. Comp.
PCB	N/A	1.0	ug/l	See note 6	6 hr. Comp.
pH	(6.5-8.5) Range		SU	Weekly	Grab

005 Zamac discharge. Non-contact cooling water.

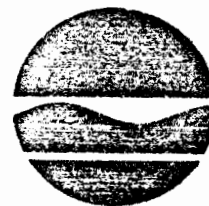
Flow	Monitoring Only		Monthly	Meter
pH	(6.5-8.5) Range	SU	Weekly	Grab

Notes:

- The permit application must list all the corrosion/scale inhibitors or biocidal-type compounds used by the permittee. If use of new boiler/cooling water additives is contemplated, application must be made prior to use.
- Approximate flows are as follows:

001	Cooling Water	4,000 GPD
002	Cooling Water & Storm Water	9,300 +GPD
004	Storm Water	Varies
005	Cooling Water	5,440 GPD
- If there is no flow in outfalls 002 and 004 during dry weather sampling events, no sample will be required.
- Sanitary discharge goes to the local POTW.

New York State Department of Environmental Conservation
Division of Regulatory Affairs, Region 7
7481 Henry Clay Boulevard
Liverpool, NY 13088
(315) 428-4697



Henry G. Williams
Commissioner

May 5, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Neal Schwartz, General Manager
Roth Brothers Smelting Corporation
6223 Thompson Road
PO Box 639
East Syracuse, NY 13057

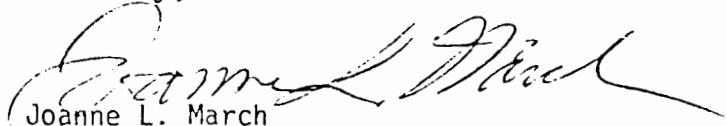
RE: Modification of Pollutant Discharge Elimination System Permit for Roth Brothers Smelting Corp., DeWitt (T), Onondaga County, UPA #70-83-0442
SPDES # NY 011 0311

Dear Mr. Schwartz,

This is to inform you that pursuant to Environmental Conservation Law (ECL), Article 17, Title 8 (McKinney's) and 6NYCRR, Part 757, the New York State Department of Environmental Conservation has made a determination to modify your referenced Pollutant Discharge Elimination System Permit which effects the PCB effluent level and also eliminates outfall 003. Enclosed are revised pages 2, 3 & 4 (of 5). Please insert these pages into the permit and discard the previous outdated pages.

Unless otherwise specified, this modification will become effective immediately unless you petition, pursuant to ECL Section 17-0907, that you be given an opportunity to be heard in connection with this determination and where applicable, if no written objection is received by this office within 30 days after receipt of this modification by the Regional Administrator of EPA. Any such petition for a hearing shall contain specific evidence to support your contention that a hearing is necessary and that you were not previously given an opportunity to be heard.

Sincerely,


Joanne L. March
Sr. Environmental Analyst

CC: Water Division, Region 7
R. Hannaford
EPA-Dr. Baker
Onondaga County Health Dept.

MODIFICATION DATE: February 11, 1985

MODIFICATION DATE: May 31, 1985

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS MOD. DATE: May 5, 1987

During the Period Beginning EDP (February 1, 1984)

and lasting until (EDP + 5 years (February 1, 1989)

the discharges from the permitted facility shall be limited and monitored by the permittee as specified below:

Outfall Number & Effluent Parameter	Discharge Limitations		Units	Minimum Monitoring Requirements	
	Daily Avg.	Daily Max.		Measurement Frequency	Sample Type
001, 002, 004	Process, cooling water and stormwater flow.				
Flow	Monitoring Only		gal/day	Monthly	Meter
Antimony	N/A	1.0	mg/l	Monthly	6 hr. Comp.
Iron	N/A	4.0	mg/l	Monthly	6 hr. Comp.
Cadmium	N/A	0.8	mg/l	Monthly	6 hr. Comp.
Copper	N/A	0.8	mg/l	Monthly	6 hr. Comp.
Lead	N/A	0.4	mg/l	Monthly	6 hr. Comp.
Oil and Grease	N/A	15	mg/l	Monthly	6 hr. Comp.
Zinc	N/A	1.0	mg/l	Monthly	6 hr. Comp.
Sulfite	N/A	1.0	mg/l	Monthly	6 hr. Comp.
PCB	N/A	1.0	ug/l	See note 6	6 hr. Comp.
pH	(6.5-8.5) Range)		SU	Weekly	Grab

005 Zamac discharge. Non-contact cooling water.

Flow	Monitoring Only	Monthly	Meter
pH	(6.5-8.5) Range	Weekly	Grab

Notes:

- The permit application must list all the corrosion/scale inhibitors or biocidal-type compounds used by the permittee. If use of new boiler/cooling water additives is contemplated, application must be made prior to use.
- Approximate flows are as follows:

001	Cooling Water	4,000 GPD
002	Cooling Water & Storm Water	9,300 +GPD
004	Storm Water	Varies
005	Cooling Water	5,440 GPD
- If there is no flow in outfalls 002 and 004 during dry weather sampling events, no sample will be required.
- Sanitary discharge goes to the local POTW.

MODIFICATION DATE: February 11, 1985

MODIFICATION DATE: May 31, 1985

MODIFICATION DATE: May 5, 1987

Notes (continued)

5. A Best Management Program should be submitted within three months and should address the following substances:

Aluminum, Lead, Copper, Zinc, PCB, Oil and Grease

6. Monthly sampling will be required for outfalls 001 and 004. Annual sampling will be required for outfall 002.

MODIFICATION DATE: February 11, 1985

MODIFICATION DATE: May 31, 1985

MODIFICATION DATE: May 5, 1987

Definition of Daily Average and Daily Maximum

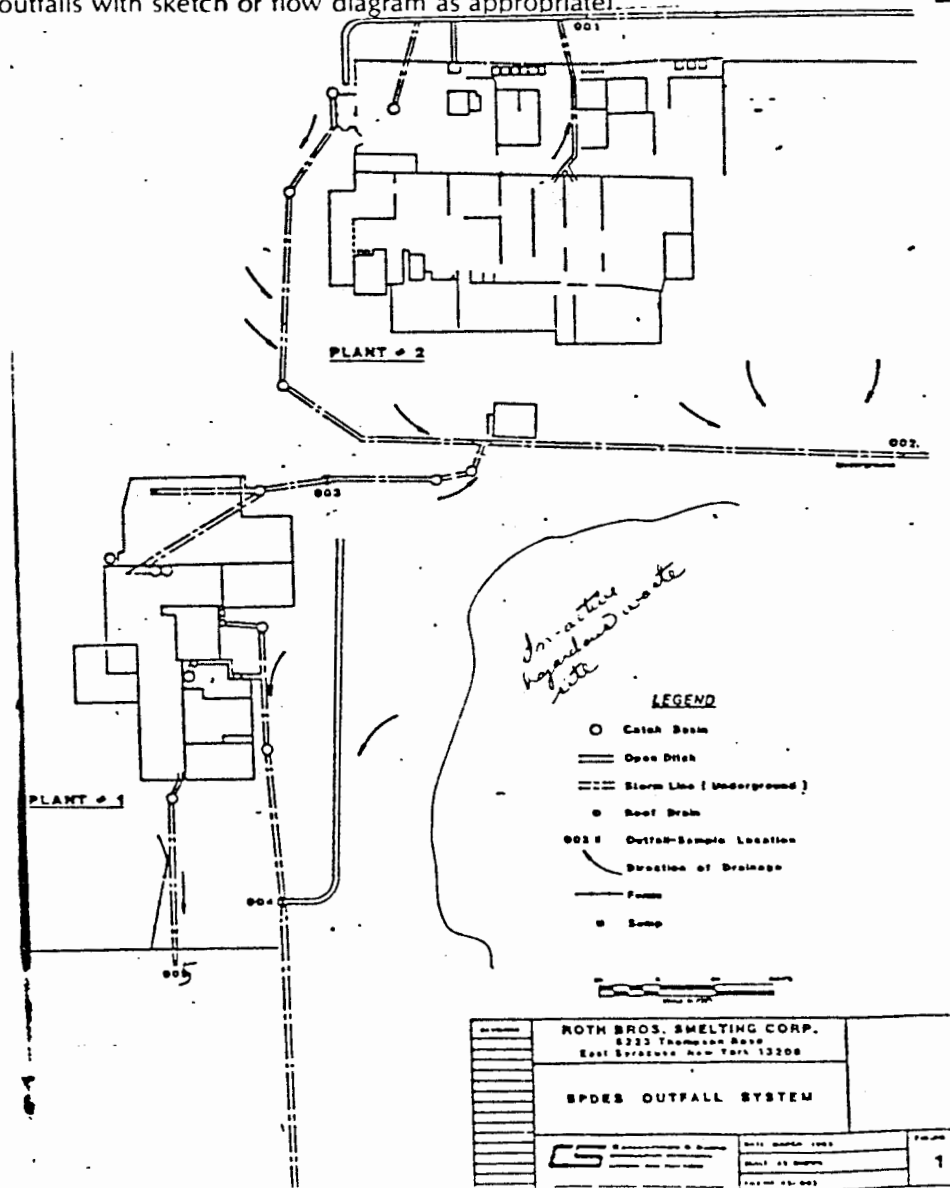
The daily average discharge is the total discharge by weight or in other appropriate units as specified herein, during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges in appropriate units as specified herein divided by the number of days during the calendar month when the measurements were made.

The daily maximum discharge means the total discharge by weight or in other appropriate units as specified herein, during any calendar day.

Monitoring Locations

Permittee shall take samples and measurements to meet the monitoring requirements at the location(s) indicated below:

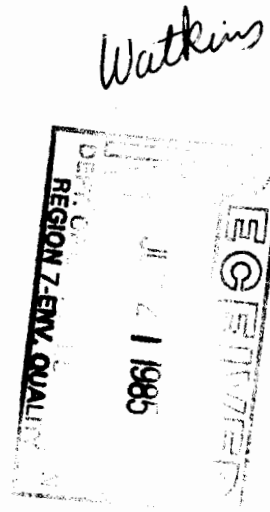
(Show locations of outfalls with sketch or flow diagram as appropriate).



New York State Department of Environmental Conservation
Division of Regulatory Affairs
7481 Henry Clay Boulevard
Liverpool, New York 13088
(315) 428-4697



Henry G. Williams
Commissioner



June 12, 1985

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Neal Schwartz, General Manager
Roth Brothers Smelting Corp.
6223 Thompson Road
PO Box 639
Syracuse, NY 13057

Dear Mr. Schwartz:

RE: Modification of Pollutant Discharge Elimination System Permit
NO. NY-011 0311, UPA #70-83-0442, Onondaga County

This is to inform you that pursuant to Environmental Conservation Law (ECL), Article 17, Title 8 (McKinney's) and 6NYCRR, Part 757, the New York State Department of Environmental Conservation has made a determination to modify your referenced Pollutant Discharge Elimination System Permit as per the draft permit sent May 3, 1985 to your attention. Enclosed are the revised pages 2, 3, & 4 (of 5). Please discard the previous pages and insert these new ones in the permit.

Unless otherwise specified, this modification will become effective immediately unless you petition, pursuant to ECL Section 17-0907, that you be given an opportunity to be heard in connection with this determination and where applicable, if no written objection is received by this office within 30 days after receipt of this modification by the Regional Administrator of EPA. Any such petition for a hearing shall contain specific evidence to support your contention that a hearing is necessary and that you were not previously given an opportunity to be heard.

Sincerely,

Joanne L. March
Environmental Analyst

Encl.

cc: Water Division, Region 7 ✓
R. Hannaford
Dr. R. Baker, EPA
Onondaga County Health Department

MODIFICATION DATE: February 11, 1985

MODIFICATION DATE: May 31, 1985

Final EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSDuring the Period Beginning EDP (February 1, 1984)and lasting until (EDP + 5 years (February 1, 1989))

the discharges from the permitted facility shall be limited and monitored by the
 permittee as specified below:

Outfall Number & Effluent Parameter	Discharge Limitations		Units	Minimum Monitoring Requirements	
	Daily Avg.	Daily Max.		Measurement Frequency	Sample Type
001, 002, 003, 004 Process, cooling water and stormwater flow.					
Flow	Monitor Only		gal/day	Monthly	Meter
Antimony	N/A	1.0	mg/l	Monthly	6 hr. comp.
Iron	N/A	4.0	mg/l	Monthly	6 hr. comp.
Cadmium	N/A	0.8	mg/l	Monthly	6 hr. comp.
Copper	N/A	0.8	mg/l	Monthly	6 hr. comp.
Lead	N/A	0.4	mg/l	Monthly	6 hr. comp.
Oil and Grease	N/A	15	mg/l	Monthly	6 hr. comp.
Zinc	N/A	1.0	mg/l	Monthly	6 hr. comp.
Sulfite	N/A	1.0	mg/l	Monthly	6 hr. comp.
PCB	N/A	0.1	ug/l	See note 6	6 hr. comp.
pH	(6.5-8.5) Range		SU	Weekly	Grab

005 Zamac discharge. Non-contact cooling water.

Flow	Monitoring Only			Monthly	Meter
pH	(6.5-8.5) Range		SU	Weekly	Grab

Notes

- The permit application must list all the corrosion/scale inhibitors or biocidal-type compounds used by the permittee. If use of new boiler/cooling water additives is contemplated, application must be made prior to use.
- Approximate flows are as follows:

001	Cooling Water	4,000 GPD
002	Storm Water	9,000 +GPD
003	Cooling Water	300 GPD
004	Storm Water	Varies
005	Cooling Water	5,440 GPD
- If there is no flow in outfalls 002 and 004 during dry weather sampling events, no sample will be required.
- Sanitary discharge goes to the local POTW.

Notes (continued)

5. A Best Management Program should be submitted within three months and should address the following substances:

Aluminum, Lead, Copper, Zinc, PCB, Oil and Grease

6. Monthly sampling will be required for outfalls 001 and 004. Annual sampling will be required for outfalls 002 and 003.

MODIFICATION DATE: February 11, 198

MODIFICATION DATE: May 31, 1985

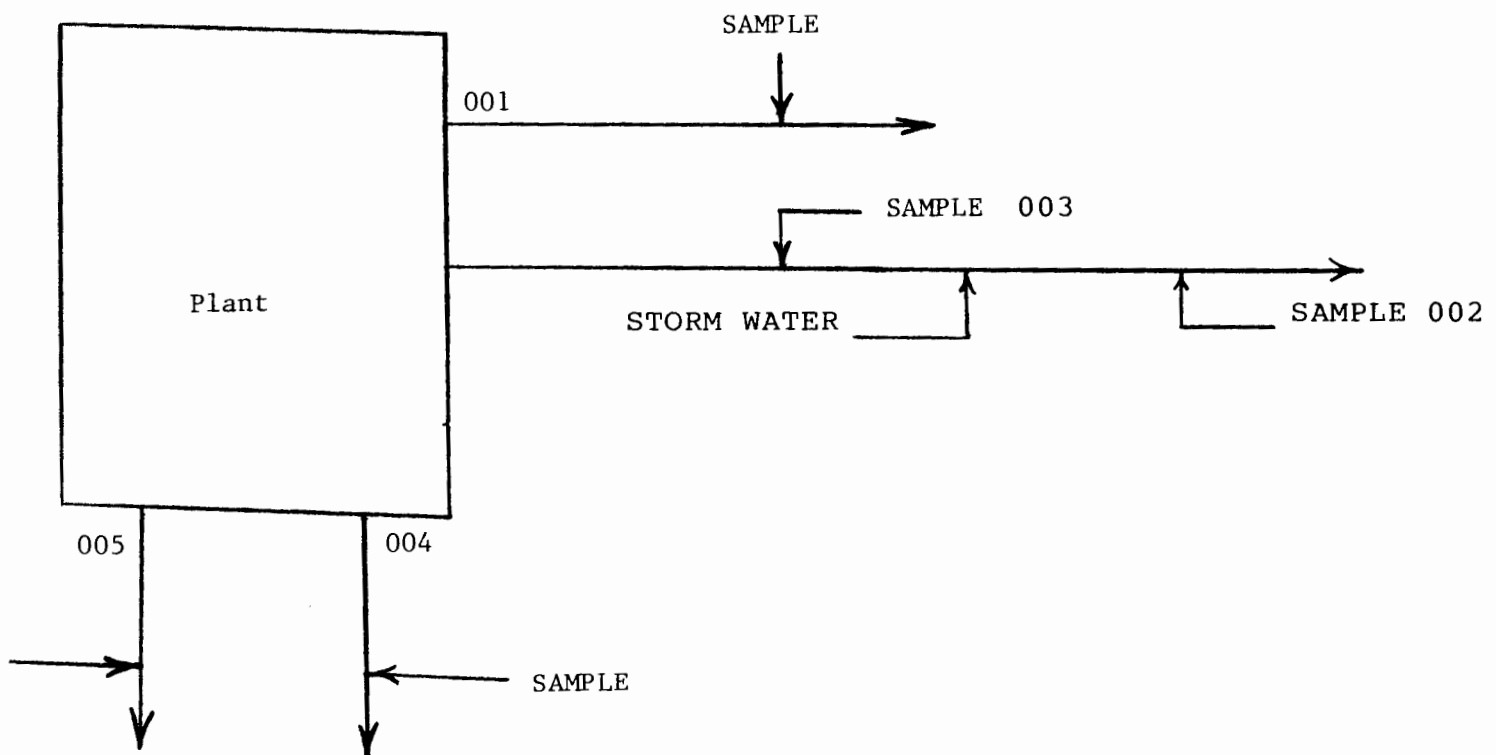
Definition of Daily Average and Daily Maximum

The daily average discharge is the total discharge by weight or in other appropriate units as specified herein, during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges in appropriate units as specified herein divided by the number of days during the calendar month when the measurements were made.

The daily maximum discharge means the total discharge by weight or in other appropriate units as specified herein, during any calendar day.

Monitoring Locations

Permittee shall take samples and measurements to meet the monitoring requirements at the location(s) indicated below: (Show locations of outfalls with sketch or flow diagram as appropriate).



If two or more outfall pipes combine before entering receiving water, a sample may be taken after combining.

~~KA~~ 7
New York State Department of Environmental Conservation

Division of Regulatory Affairs, Region 7
7481 Henry Clay Boulevard
Liverpool, NY 13088
(315) 428-4697



Henry G. Williams
Commissioner

May 3, 1985

Mr. Neal Schwartz, General Manager
Roth Brothers Smelting Corporation
6223 Thompson Road
PO Box 639
East Syracuse, NY 13057

RE: Modification of Pollutant Discharge Elimination System
Permit No. NY - 011 0311, UPA NO. 70-83-0442
ONONDAGA COUNTY

Dear Mr. Schwartz:

This is to inform you that following further review of your application, this Department has made a determination to modify your referenced State Pollutant Discharge Elimination System as follows:

The enclosed revised pages 2, 3, and 4 (of 5) reflect a change in PCB monitoring and the correction in the schematic diagram. These changes are in reference to your letter of March 5, 1985.

Please reply with any comments you may have by May 29, 1985 as we expect to issue the final permit on that date.

Sincerely,

Joanne L. March
Environmental Analyst

cc: Water Division, Region 7 ✓
Onondaga County Health Department

MODIFICATION DATE: February 11, 1985

DRAFTFinal EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSDuring the Period Beginning EDP (February 1, 1984)and lasting until (EDP + 5 years (February 1, 1989))

the discharges from the permitted facility shall be limited and monitored by the permittee as specified below:

Outfall Number & Effluent Parameter	Discharge Limitations		Units	Minimum Monitoring Requirements	
	Daily Avg.	Daily Max.		Measurement Frequency	Sample Type
001, 002, 003, 004 Process, cooling water and stormwater flow.					
Flow	Monitor Only		gal/day	Monthly	Meter
Antimony	N/A	1.0	mg/l	Monthly	6 hr. comp.
Iron	N/A	4.0	mg/l	Monthly	6 hr. comp.
Cadmium	N/A	0.8	mg/l	Monthly	6 hr. comp.
Copper	N/A	0.8	mg/l	Monthly	6 hr. comp.
Lead	N/A	0.4	mg/l	Monthly	6 hr. comp.
Oil and Grease	N/A	15	mg/l	Monthly	6 hr. comp.
Zinc	N/A	1.0	mg/l	Monthly	6 hr. comp.
Sulfite	N/A	1.0	mg/l	Monthly	6 hr. comp.
PCB	N/A	0.1	ug/l	See note 6	6 hr. comp.
pH	(6.5-8.5) Range		SU	Weekly	Grab

005 Zamac discharge. Non-contact cooling water.

Flow	Monitoring Only			Monthly	Meter
pH	(6.5-8.5) Range		SU	Weekly	Grab

Notes

- The permit application must list all the corrosion/scale inhibitors or biocidal-type compounds used by the permittee. If use of new boiler/cooling water additives is contemplated, application must be made prior to use.
- Approximate flows are as follows:

001	Cooling Water	4,000 GPD
002	Storm Water	9,000 +GPD
003	Cooling Water	300 GPD
004	Storm Water	Varies
005	Cooling Water	5,440 GPD
- If there is no flow in outfalls 002 and 004 during dry weather sampling events, no sample will be required.
- Sanitary discharge goes to the local POTW.

DRAFT

Notes (continued)

5. A Best Management Program should be submitted within three months and should address the following substances:

Aluminum, Lead, Copper, Zinc, PCB, Oil and Grease

6. Monthly sampling will be required for outfalls 001 and 004. Annual sampling will be required for outfalls 002 and 003.

DRAFT

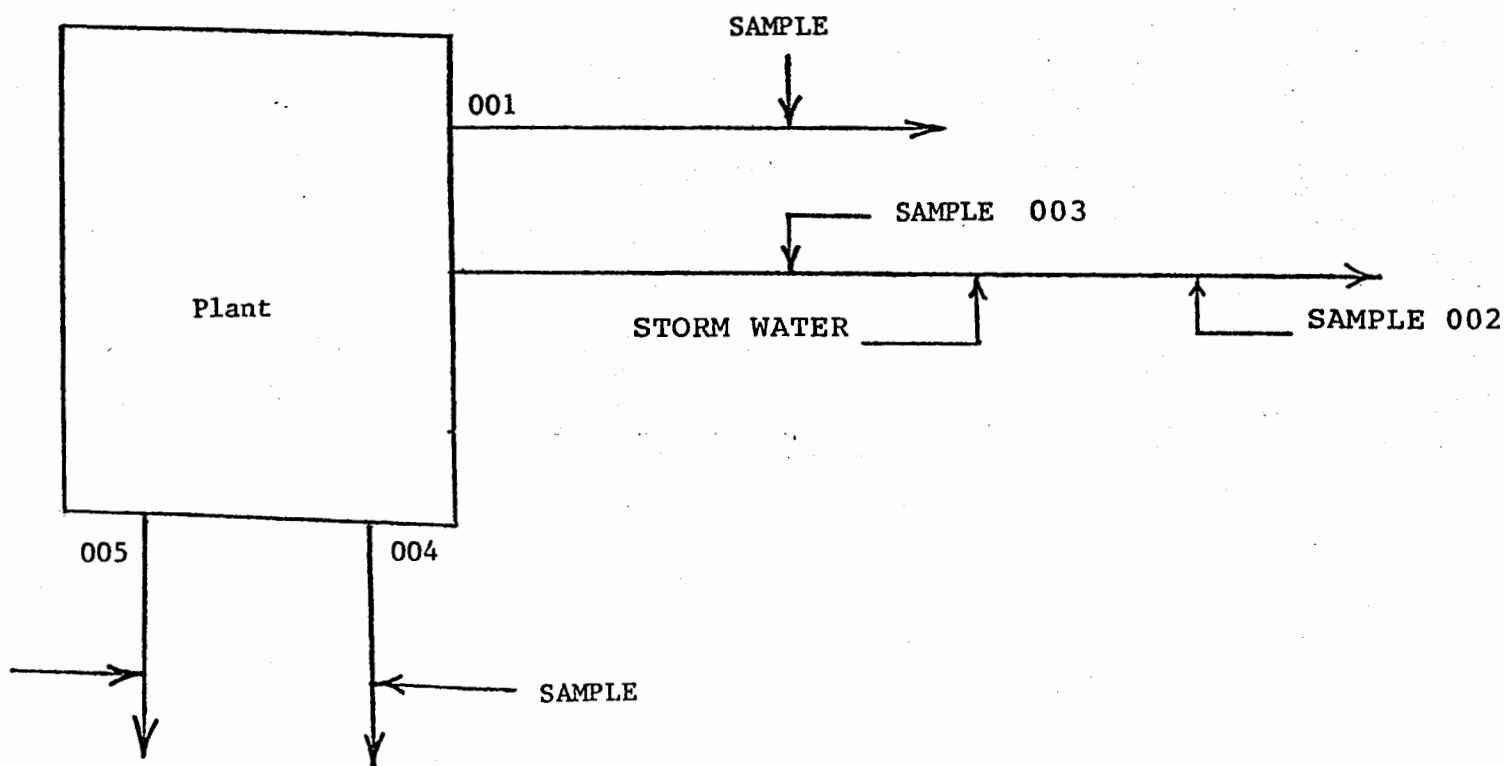
Definition of Daily Average and Daily Maximum

The daily average discharge is the total discharge by weight or in other appropriate units as specified herein, during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges in appropriate units as specified herein divided by the number of days during the calendar month when the measurements were made.

The daily maximum discharge means the total discharge by weight or in other appropriate units as specified herein, during any calendar day.

Monitoring Locations

Permittee shall take samples and measurements to meet the monitoring requirements at the location(s) indicated below: (Show locations of outfalls with sketch or flow diagram as appropriate).



If two or more outfall pipes combine before entering receiving water, a sample may be taken after combining.

New York State Department of Environmental Conservation

Division of Regulatory Affairs, Region 7
7481 Henry Clay Boulevard, Liverpool, NY 13088
(315) 428-4697

Watkins



Henry G. Williams
Commissioner

February 12, 1985

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Neal Schwartz, General Manager
Roth Brothers Smelting Corporation
6223 Thompson Road
PO Box 639
East Syracuse, NY 13057

RE: Modification of Pollutant Discharge Elimination System Permit No.
NY-011 0311, UPA NO. 70-83-0442

Dear Mr. Schwartz:

This is to inform you that pursuant to Environmental Conservation Law (ECL), Article 17, Title 8 (McKinney's) and 6NYCRR, Part 757, the New York State Department of Environmental Conservation has made a determination to modify your referenced Pollutant Discharge Elimination System Permit as per the draft modification sent October 23, 1984. Enclosed is the entire revised SPDES permit. Please replace the old permit with this one.

Unless otherwise specified, this modification will become effective immediately unless you petition, pursuant to ECL Section 17-0907, that you be given an opportunity to be heard in connection with this determination and where applicable, if no written objection is received by this office within 30 days after receipt of this modification by the Regional Administrator of EPA. Any such petition for a hearing shall contain specific evidence to support your contention that a hearing is necessary and that you were not previously given an opportunity to be heard.

Sincerely,

Joanne L. March

Joanne L. March
Environmental Analyst

Enclosure

cc: Water Division, Region 7 ✓
R. Hannaford
Dr. R. Baker - EPA
Onondaga County Health Department

Copies: Dr. R. Baker, EPA, Region II
Water Division, Region 7
Mr. Garvey, BPS, PAS
Onondaga Co. Health Department

Facility ID No. : NY- 0110311
Effective Date (EDP) : February 1, 1984
Expiration Date (ExDP) : February 1, 1989

General Conditions Part II (8/81)

MODIFICATION DATE: FEBRUARY 11, 1985

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES).
DISCHARGE PERMIT

Special Conditions
(Part I)

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act, as amended, (33 U.S.C. §1251 et. seq.) (hereinafter referred to as "the Act").

Permittee Name: Roth Brothers Smelting Corp.

Permittee Street: 6223 Thompson Road

Permittee City: E. Syracuse

State: New York Zip Code: 13057

is authorized to discharge from the facility described below:

Facility Name: Roth Brothers Smelting Corp.

Facility Location (Ct., W): DeWitt .

County: Onondaga

Facility Mailing Address (Street): 6223 Thompson Road

Facility Mailing Address (City): Syracuse (East) State: New York Zip Code: 13057

into receiving waters known as: Unnamed tributary of South Branch of Ley Creek

Latitude: 43° 01' 55"

Longitude: 76° 05' 47"

in accordance with the effluent limitations, monitoring requirements and other conditions set forth in this permit.

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed, or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for permit renewal as prescribed by Sections 17-0803 and 17-0804 of the Environmental Conservation Law and Parts 621, 752, and 755 of the Departments' rules and regulations.

By Authority of ALTERNATE PERMIT ADMINISTRATOR

Designated Representative of Commissioner of the
Department of Environmental Conservation

1-6-84

Date

Robert A. Pichia

Signature

MODIFICATION DATE: FEBRUARY 11, 1985

Final EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSDuring the Period Beginning EDP (February 1, 1984)and lasting until EDP + 5 years (February 1, 1989)

the discharges from the permitted facility shall be limited and monitored by the
 permittee as specified below:

Outfall Number & Effluent Parameter	Discharge Limitations		Units	Minimum Monitoring Requirements	
	Daily Avg.	Daily Max.		Measurement Frequency	Sample Type
001, 002, 003, 004 Process, cooling water and stormwater flow.					
Flow	Monitor	Only	gal/day	Monthly	Meter
Antimony	N/A	1.0	mg/l	Monthly	6 hr. comp.
Iron	N/A	4.0	mg/l	Monthly	6 hr. comp.
Cadmium	N/A	0.8	mg/l	Monthly	6 hr. comp.
Copper	N/A	0.8	mg/l	Monthly	6 hr. comp.
Lead	N/A	0.4	mg/l	Monthly	6 hr. comp.
Oil & Grease	N/A	15	mg/l	Monthly	6 hr. comp.
Zinc	N/A	1.0	mg/l	Monthly	6 hr. comp.
Sulfite	N/A	1.0	mg/l	Monthly	6 hr. comp.
PCB	N/A	0.1	ug/l	Monthly	6 hr. comp.
pH	(6.5 - 8.5) Range		SU	Weekly	Grab

005 Zamac discharge. Non-contact cooling water.

Flow	Monitoring Only		Monthly	Meter
pH	(6.5 - 8.5) Range	SU	Weekly	Grab

Notes

- The permit application must list all the corrosion/scale inhibitors or biocidal-type compounds used by the permittee. If use of new boiler/cooling water additives is contemplated, application must be made prior to use.
- Approximate flows are as follows:

001	Cooling Water	4,000 GPD
002	Storm Water	9,000 +GPD
003	Cooling Water	300 GPD
004	Storm Water	Varies
005	Cooling Water	5,440 GPD
- If there is no flow in outfalls 002 and 004 during dry weather sampling events, no sample will be required.
- Sanitary discharge goes to the local POTW.

Notes (continued)

5. A Best Management Program should be submitted within three months and should address the following substances:

Aluminum, Lead, Copper, Zinc, PCB, Oil & Grease

MODIFICATION DATE: FEBRUARY 11, 1985

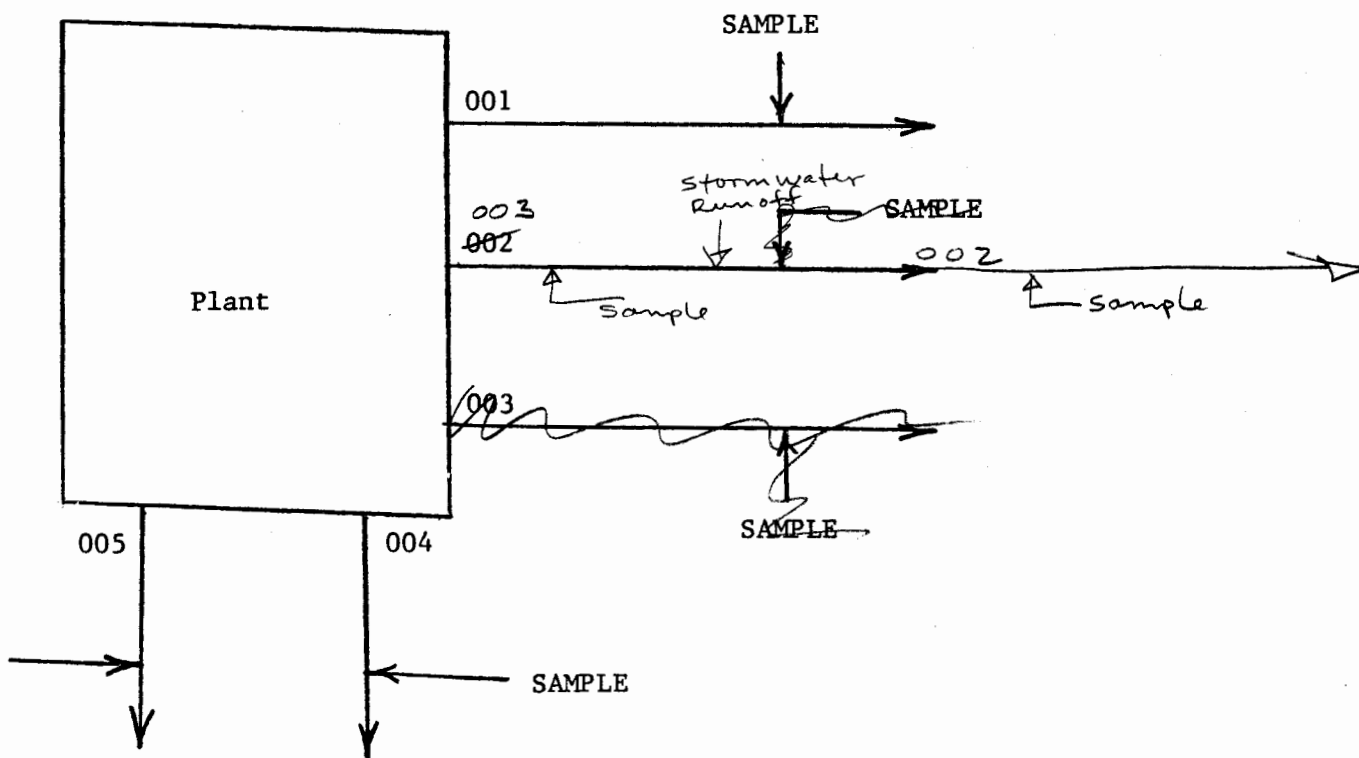
Definition of Daily Average and Daily Maximum

The daily average discharge is the total discharge by weight or in other appropriate units as specified herein, during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges in appropriate units as specified herein divided by the number of days during the calendar month when the measurements were made.

The daily maximum discharge means the total discharge by weight or in other appropriate units as specified herein, during any calendar day.

Monitoring Locations

Permittee shall take samples and measurements to meet the monitoring requirements at the location(s) indicated below: (Show locations of outfalls with sketch or flow diagram as appropriate).



If two or more outfall pipes combine before entering receiving water, a sample may be taken after combining.

MODIFICATION DATE: FEBRUARY 11,
1985

MONITORING, RECORDING AND REPORTING

a) The permittee shall also refer to the General Conditions (Part II) of this permit for additional information concerning monitoring and reporting requirements and conditions.

b) The monitoring information required by this permit shall be:

☐ Summarized, signed and retained for a period of three years from the date of sampling for subsequent inspection by the Department or its designated agent.

☒ Summarized and reported by submitting completed and signed Discharge Monitoring Report forms once every _____ month(s) to the locations specified below. Blank forms available at department offices listed below. The first report will be due no later than 10/31/84.

Thereafter, reports shall be submitted no later than the 28th of the following month(s): Jan., Feb., March, April, May, June, July, Aug., Sept., Oct., Nov., Dec.

Department of Environmental Conservation
Regional Water Engineer
7481 Henry Clay Blvd.
Liverpool, NY 13088

Onondaga County Department of Health
Environmental Sanitation Division
PO BOX 190
Syracuse, NY 13215-0190

Department of Environmental Conservation
Water Division
50 Wolf Road,
Albany, New York 12233

☒ (Applicable only if checked)

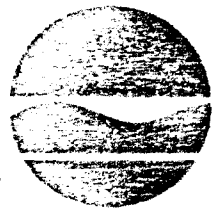
Dr. Richard Baker, Chief

Permit Administration Branch
Planning & Management Division
USEPA Region II, 26 Federal Plaza
New York, New York 10278

- c) If so directed, Monthly Wastewater Treatment Plant Operator's Reports should be submitted to the Regional Engineer and County Health Department or County Environmental Control Agency specified above.
- d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
- e) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculations and recording of the data on the Discharge Monitoring Reports.
- f) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.
- g) Unless otherwise specified, all information recorded on the Discharge Monitoring Report shall be based upon measurements and sampling carried out during the most recently completed reporting period.
- h) On or after April 1, 1984, any laboratory test or sample analysis required by this permit for which the State Commissioner of Health issues certificates of approval pursuant to section five hundred two of the Public Health Law shall be conducted by a laboratory which has been issued a certificate of approval. Inquiries regarding laboratory certification should be sent to the Laboratory Certification/Quality Assurance Group, New York State Health Department Center for Laboratories and Research, Division of Environmental Sciences, The Nelson A. Rockefeller Empire State Plaza, Albany, New York 12201.

New York State Department of Environmental Conservation
Division of Regulatory Affairs, Region 7
7461 Henry Clay Boulevard
Liverpool, New York 13088
(315) 428-4697

McPeck
file
SPDES Permit



Henry G. Williams
Commissioner

January 9, 1984

Mr. Neal Schwartz, General Manager
Roth Brothers Smelting Corporation
6223 Thompson Road
PO Box 639
East Syracuse, NY 13057

RE: Final SPDES Permit No. NY-011 0311

Dear Mr. Schwartz:

Enclosed please find the State Pollutant Discharge Elimination System (SPDES) Permit for your facility. Accompanying the permit is a set of General Conditions governing it and also a list of effluent limitations which must be monitored for the surface discharge. The records of this monitoring should be kept in your files for New York State Department of Environmental Conservation inspection.

If you have any questions, please do not hesitate to contact me.

Sincerely,

A. Coburn
Regional Permit Administrator

By:

Joanne L. March/ja

Joanne L. March
Environmental Analyst Assistant

JLM/jma

Enclosures

cc: Water Division, Region 7 ✓
Onondaga County Health Department
Wm. Garvey, BPS, PAS
Dr. R. Baker, EPA, Region II

Copies: Dr. R. Baker, EPA Region II
Water Division, Region 7
Mr. Garvey, BPS, PAS
Onondaga Co. Health Department

Facility ID No. : NY- 0110311
Effective Date (EDP) : February 1, 1984
Expiration Date (ExDP) : February 1, 1989

General Conditions Part II (8/81)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES)
DISCHARGE PERMIT

Special Conditions
(Part I)

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act, as amended, (33 U.S.C. §1251 et. seq.) (hereinafter referred to as "the Act").

Permittee Name: Roth Brothers Smelting Corp.

Permittee Street: 6223 Thompson Road

Permittee City: E. Syracuse State: New York Zip Code: 13057

is authorized to discharge from the facility described below:

Facility Name: Roth Brothers Smelting Corp.

Facility Location (~~Co. T, V~~): DeWitt County: Onondaga

Facility Mailing Address (Street): 6223 Thompson Road

Facility Mailing Address (City): Syracuse (East) State: New York Zip Code: 13057

into receiving waters known as: ~~Ley Creek~~ Trib. of South Branch, ~~at~~ ~~6~~
Latitude: 43° 01' 55"
Longitude: 76° 05' 47"

in accordance with the effluent limitations, monitoring requirements and other conditions set forth in this permit.

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed, or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for permit renewal as prescribed by Sections 17-0803 and 17-0804 of the Environmental Conservation Law and Parts 621, 752, and 755 of the Departments' rules and regulations.

By Authority of ALTERNATE PERMIT ADMINISTRATOR
Designated Representative of Commissioner of the
Department of Environmental Conservation

1-6-84

Date

Robert A. Rosta

Signature

Final **EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

During the period beginning EDP February 1, 1984
and lasting until EDP + 5 years February 1, 1989
the discharges from the permitted facility shall be limited and monitored by the
permittee as specified below:

<u>Outfall Number & Effluent Parameter</u>	<u>Discharge Limitations</u>		<u>Units</u>	<u>Monitoring Recmts.</u>	
	<u>Daily Avg.</u>	<u>Daily Max.</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
001, 002, 003, 004 Process, cooling water and stormwater flow.					
Flow	Monitor Only		gal/day	Monthly	Meter
Antimony	0.5	1.0	mg/l	2/month	6 hr comp.
Iron	2.0	4.0	mg/l	2/month	6 hr comp.
Cadmium	0.4	0.8	mg/l	2/month	6 hr comp.
Copper	0.4	0.8	mg/l	2/month	6 hr comp.
Lead	0.2	0.4	mg/l	2/month	6 hr comp.
Oil & Grease		15	mg/l	2/month	6 hr comp.
Zinc	0.5	1.0	mg/l	2/month	6 hr comp.
Sulfite	0.5	1.0	mg/l	2/month	6 hr comp.
pH	(6.5 - 8.5) Range		SU	Weekly	Grab

Notes

1. The permit application must list all the corrosion/scale inhibitors or biocidal-type compounds used by the permittee. If use of new boiler/cooling water additives is contemplated, application must be made prior to use.
2. Approximate flows are as follows:

001	Cooling Water	36,000 GPD
002	Storm Water	9,000+ GPD
003	Cooling Water	9,000 GPD
004	Storm Water	Varies

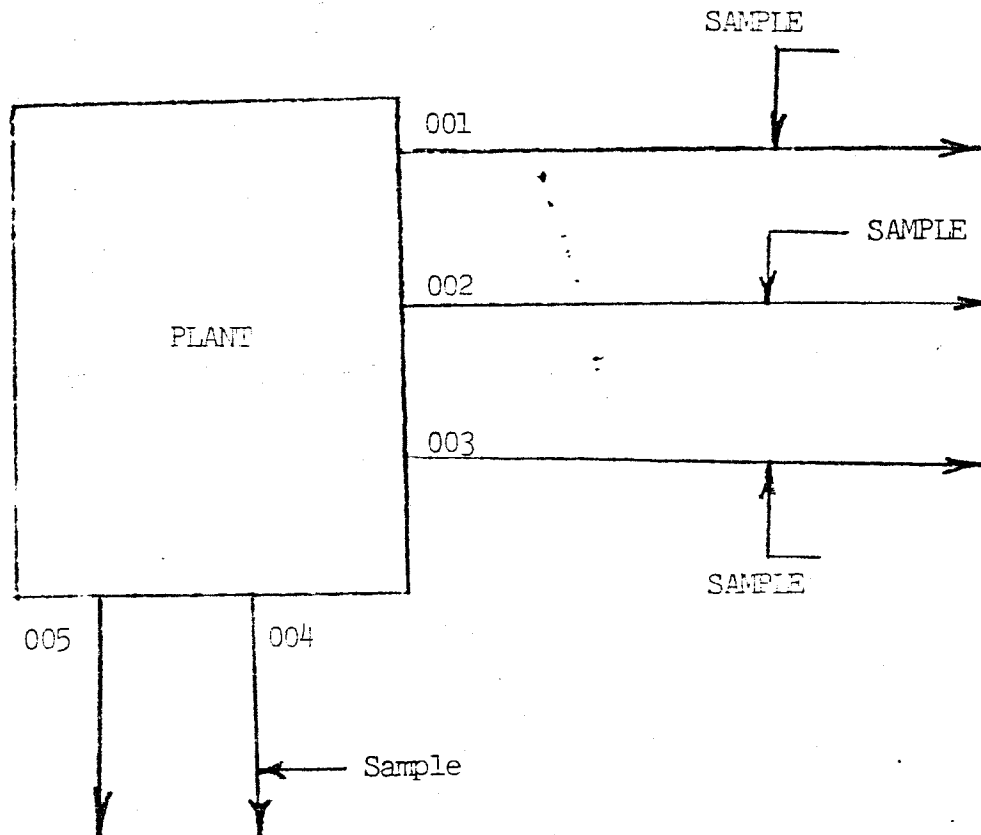
Definition of Daily Average and Daily Maximum

The daily average discharge is the total discharge by weight or in other appropriate units as specified herein, during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges in appropriate units as specified herein divided by the number of days during the calendar month when the measurements were made.

The daily maximum discharge means the total discharge by weight or in other appropriate units as specified herein, during any calendar day.

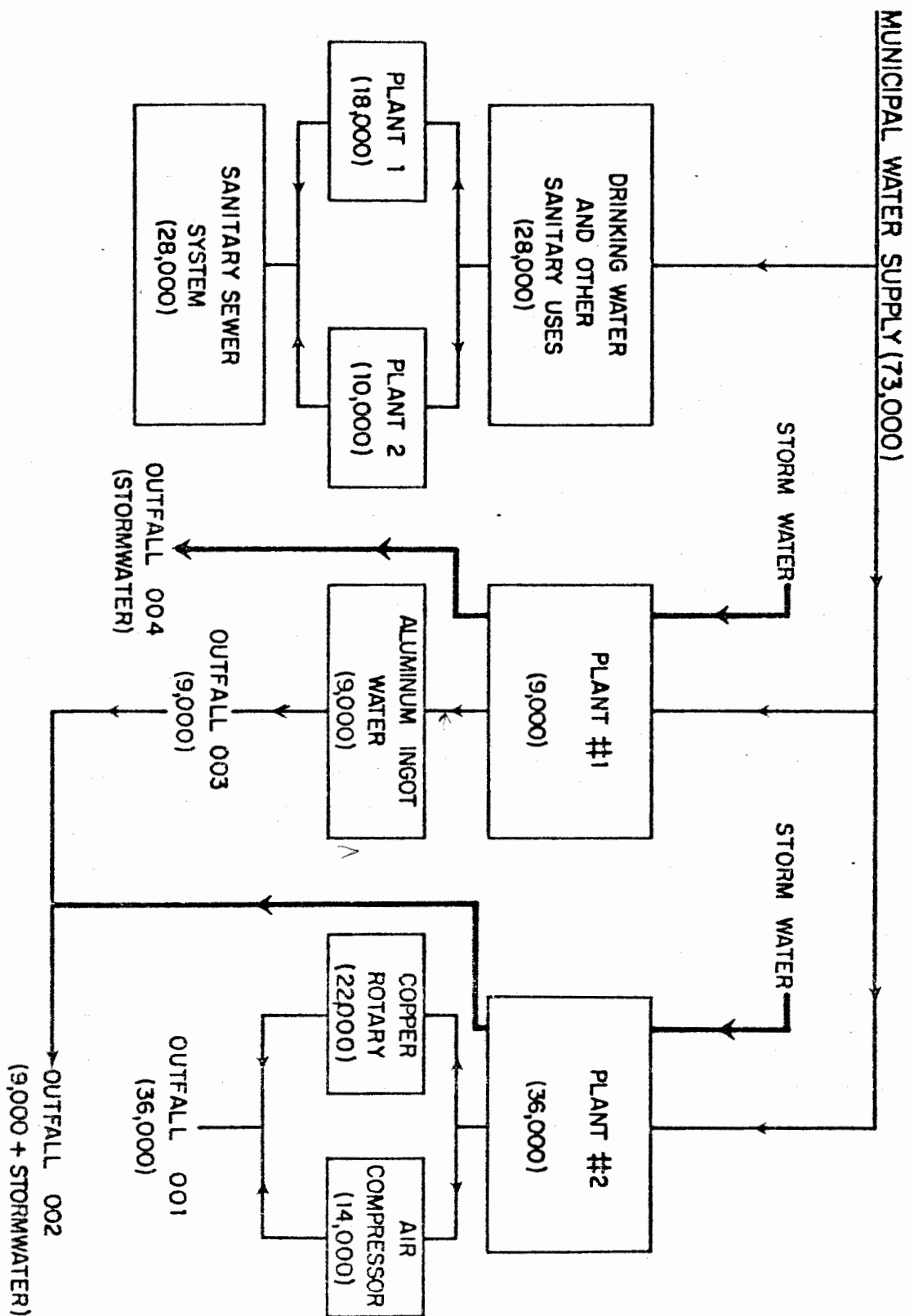
Monitoring Locations

Permittee shall take samples and measurements to meet the monitoring requirements at the location(s) indicated below: (Show locations of outfalls with sketch or flow diagram as appropriate).



If two or more outfall pipes combine before entering receiving water, a sample may be taken after combining.

NOTE:
ALL FLOWS IN GALLONS / DAY



ROTH BROS. SMELTING CORPORATION
SCHEMATIC OF WATER FLOW

a) The permittee shall also refer to the General Conditions (Part II) of this permit for additional information concerning monitoring and reporting requirements and conditions.

b) The monitoring information required by this permit shall be summarized and reported by submitting a completed and signed Discharge Monitoring Report form once every 3 months to the Department of Environmental Conservation and other appropriate regulatory agencies at the offices specified below. The first report will be due no later than 10/31/83. Thereafter, reports shall be submitted no later than the 28th of the following month(s): October, January, April, July.

Water Division
New York State Department of Environmental Conservation
50 Wolf Road - Albany, New York 12233

New York State Department of Environmental Conservation
Regional Engineer
7481 Henry Clay Blvd.
Liverpool, N.Y. 13088

Onondaga County Department of Health
P.O. Box 1325, 421 Montgomery St.
Syracuse, N.Y. 13202

☒ (Applicable only if checked):

Dr. Richard Baker, Chief - Permits Administration Branch
Planning & Management Division
USEPA Region II
26 Federal Plaza
New York, New York 10278

c) If so directed by this permit or by previous request, Monthly Wastewater Treatment Plant Operator's Reports shall be submitted to the DEC Regional Office and county health department or county environmental control agency specified above.

d) Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

e) If the permittee monitors any pollutant more frequently than required by the permit, using test procedures approved under 40 CFR 136 or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Reports.

f) Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in the permit.

g) Unless otherwise specified, all information submitted on the Discharge Monitoring Form shall be based upon measurements and sampling carried out during the most recently completed reporting period.

h) Blank Discharge Monitoring Report Forms are available at the above addresses.